

245BD/2021-22

MMGS 4KSC9

Part B

wt B:- Const. of HL RCC Bridge 2x16.5
Span with Approx Rd: 113.88m
Schedule XLV-Form No.-134

Bowst

DIVISION

Bovin

SUB-DIVISION

1526

MEASUREMENT BOOK

Systematic & Advance

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Agency:- Systemetric and advance construction pvt. Ltd.					
Name of Work:- Const. of H-L Bridge in Sanitara Bhasra to TrKKar Lautiyabari					
Agreement No:- 24/SB/ 2021-22					
Date of start:- 27/09/2021					
Date of completion - in progress					
(1/69) providing and constructing Temp Earth Island					
@ Rs 56149 = 64/each = Rs 56150 = 00					
(2/70) providing and constructing one span Service Road					
= 33.0m wide & by TMB p-23					
@ Rs 3670 = 87/m = Rs 121139 = 00					
(3/71) Carrying out load Test on any pile					
(i/72) initial load Test					
= 1 Nos wide & by TMB p-24					
@ Rs 1,50,000/each = Rs 150,000 = 00					
(ii/73) Routine pile load Test					
= 1 Nos wide & by TMB p-24					
@ Rs 25,000/each = Rs 1,25,000 = 00					
(iii/74) Horizontal pile load Test					
= 1 Nos wide & by TMB p-24					

This is to certify that this MB

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Sch. XLV-Form No. 134

B/f = 452289 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ Rs 1,00,000/each = Rs					1,00,000 = 00
(4/62) E/work in excav. for structures					
Comp as per draw and FS					
= 136.95 m ³ vide dy			TMB	P-27	
151.48 m ³ vide dy			TMB	P-29	
148.31 m ³ vide dy			TMB	P-31	
T = 436.74 m ³ @ Rs 305 = 423/m ³ = Rs					133390
(6/64) providing and laying p.c.c.					
M-15 levelling course					
= 10.21 m ³ vide dy			TMB	P-27	
7.29 m ³ vide dy			TMB	P-30	
10.21 m ³ vide dy			TMB	P-31	
T = 27.71 m ³ @ Rs 6307 = 684/m ³ = Rs					174786 =
(6/65) providing and laying R.C.C					
M-30 in pile cap Comp. as per					
draw and FS					
= 112.91 m ³ vide dy			TMB	P-29	
79.87 m ³ — do —				P-31	
112.91 m ³ — do —				P-33	
T = 305.69 m ³ @ Rs 8450 = 776/m ³ = Rs 2					583318 = 00
(7/66) Bored cast in situ pile of					
M-35 grade R.C.C					
= 452.0 m vide dy			TMB	P-25	
@ Rs 18274 = 744/m = Rs					8260184 = 00
(8/67) s/f/f HYSD bar reinf in					
foundation comp. as per draw					
and T-S					
			c/Rs		11703967 = 00

Continuation

This is to certify that this MB

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B/F = Rs 11703967 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
= 51.396 MT vide dly TMB				P-24	
9.50 MT - do -				P-28	
7.018 MT - do -				P-30	
9.50 MT - do -				P-32	
T = 77.414 MT					
Limit 77.213 MT					

@ Rs 54293 = 396/MT = Rs 4192156 = 00

9/68 providing 10mm thick steel liner as per draw and TS

= 9.94 MT vide dly TMB P-24

@ Rs 65395 = 771/MT = Rs 650034 = 00

10/75 providing and laying R.C.C. m 30 in sub structure comp.

as per draw and TS

(i) up to 5.0m height -

= 41.683 m³ vide dly TMB P-35

36.442 m³ - do - P-37

28.83 m³ - do - P-41

T = 106.955 m³

@ Rs 8812 = 838/m³ = Rs 942577 = 00

11/79 s/f/f H4SD bar reinf in

sub structure comp. as per draw and TS -

= 1.445 MT vide dly TMB P-29

1.097 MT - do - P-31

1.445 MT - do - P-33

2.86 MT - do - P-34

5.557 MT - do - P-37

% - 12.404 MT

% - 17488734 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Bf = 12.404 MT					
5.852 MT					
T = 18.256 MT @ Rs 54453 = 151/MT					
					= Rs 994097 = 00
2/77 providing and laying R.C.C					
m-35 in sub structure comp.					
as per draw and T.S					
= 1.36 m ³ vide dy TMB P-44					
@ Rs 9028 = 00 = Rs 12278 = 00					
3/80 providing and fixing in					
true line and level POT-PTFE					
Bearing					
12.2 m vide dy TMB P-44					
@ Rs 47385 = 249/each Rs 568623 = 00					
14/85 providing and laying m-30					
grade R.C.C in Super structure					
= 24.876 m ³ vide dy TMB P-44					
@ Rs 9941.092/m ³ = Rs 247294 = 00					
15/86 s/f/f H.V.S.D bar reinf in Super					
structure comp. as per draw and					
T.S.					
= 7.789 MT vide dy TMB P-43					
@ Rs 55689.671/MT = Rs 433767 = 00					
T = Rs 19744793 = 00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/f = Rs		197	447	93	= 00
Add 12% G.S.T = Rs	2	3693	75		= 00
Add 1% L.cess = Rs		1974	48		= 00
Add 10% S.f = Rs		207	90		= 00
		T = Rs	223	3240	6 = 00
(-) 0.11% Below = (-) Rs		24	566		= 00
		Rs	2,230	7840	= 00
(-) prev. payment = (-) Rs		4862	490		= 00
		1,04,19	624		= 00
		Rs	11888	219	= 00
		Rs	4,74,45	350	= 00
			207523		
			AE		
<u>Material statement</u>					
① P.C.C. M-15 levelling course =		27.71	m ³		
40mm Agre - 13.30 m ³ @ Rs	344.15/m ³	= Rs	4577	= 00	
20mm Agre - 6.65 m ³ @ Rs	454.91/m ³	= Rs	3025	= 00	
10mm Agre - 2.22 m ³ @ Rs	518.80/m ³	= Rs	1152	= 00	
Coars Sand - 13.30 m ³ @ Rs	100.80/m ³	= Rs	1341	= 00	
② R.C.C M 30 -		305.65	m ³		
		106.955	m ³		
		1.36	m ³		
		T =	414.005	m ³	
20mm Agre - 223.56 m ³ @ Rs	454.91/m ³	= Rs	101400	= 00	
10mm Agre - 149.04 m ³ @ Rs	518.80/m ³	= Rs	77322	= 00	
Coars Sand - 186.30 m ³ @ Rs	100.80/m ³	= Rs	18783	= 00	
		T = Rs	207900	= 00	
S.f 10% of Rs 207900 =			20790	= 00	

Continuation